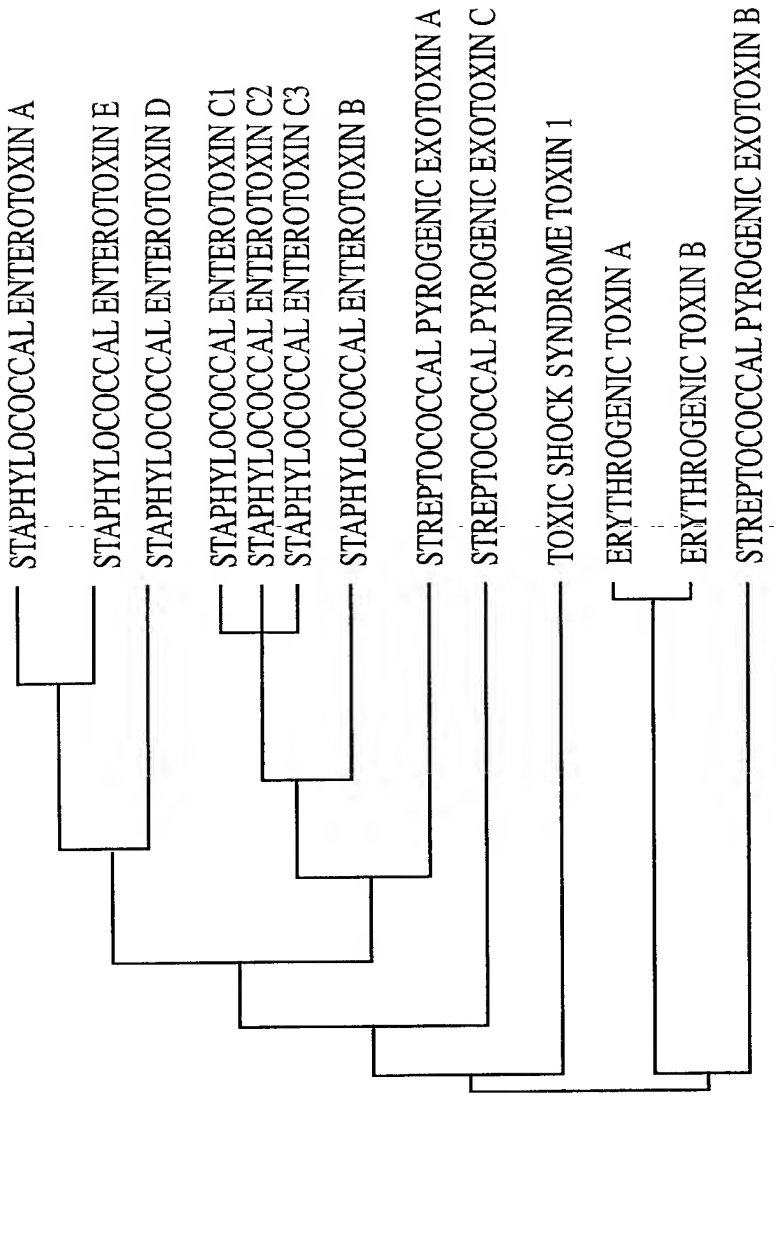

STAPHYLOCOCCAL ENTEROTOXIN A
STAPHYLOCOCCAL ENTEROTOXIN E
STAPHYLOCOCCAL ENTEROTOXIN D
STAPHYLOCOCCAL ENTEROTOXIN C1
STAPHYLOCOCCAL ENTEROTOXIN C2
STAPHYLOCOCCAL ENTEROTOXIN C3
STAPHYLOCOCCAL ENTEROTOXIN B
STREPTOCOCCAL PYROGENIC EXOTOXIN A
STREPTOCOCCAL PYROGENIC EXOTOXIN C
TOXIC SHOCK SYNDROME TOXIN 1
ERYTHROGENIC TOXIN A
ERYTHROGENIC TOXIN B
STREPTOCOCCAL PYROGENIC EXOTOXIN B
0
50
100
PERCENT HOMOLOGY

FIG. 1

FIG. 2A

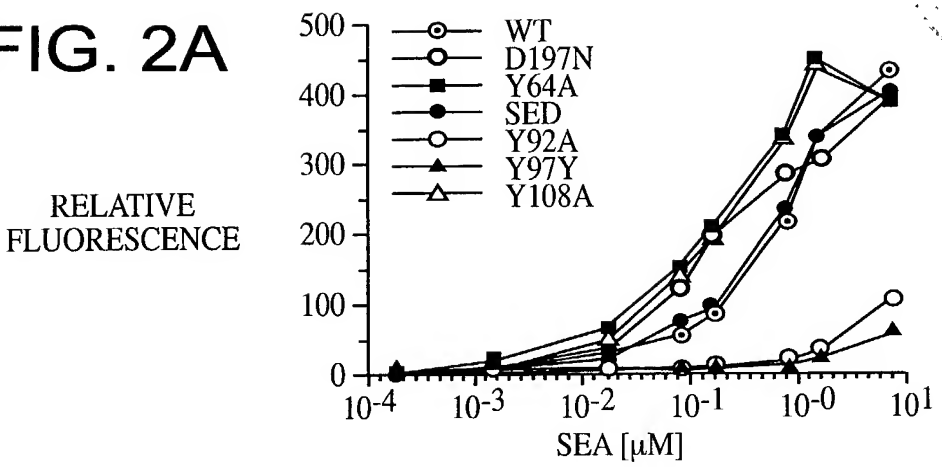


FIG. 2B

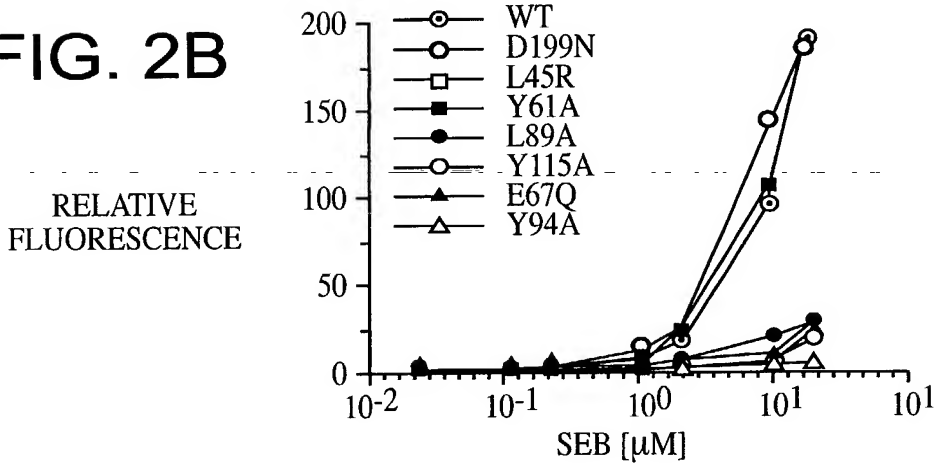
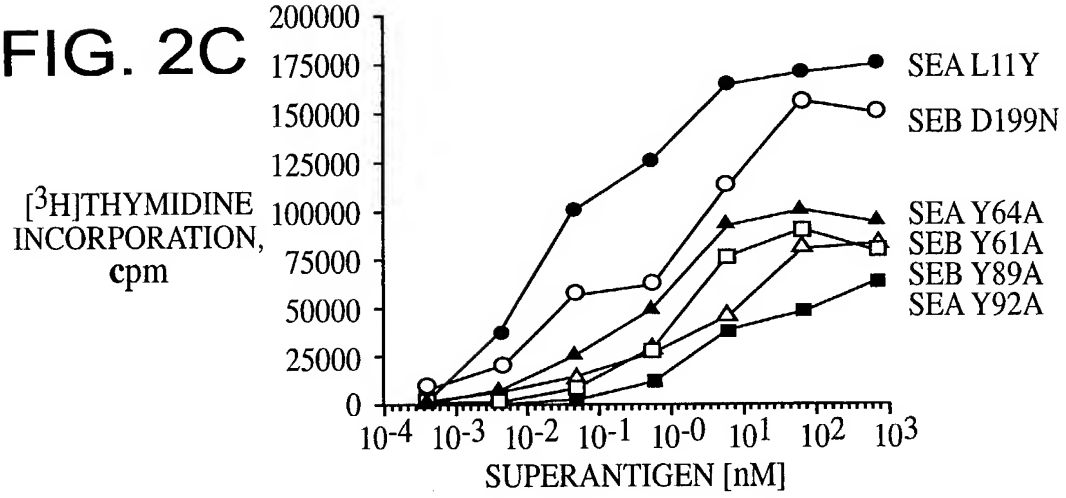


FIG. 2C



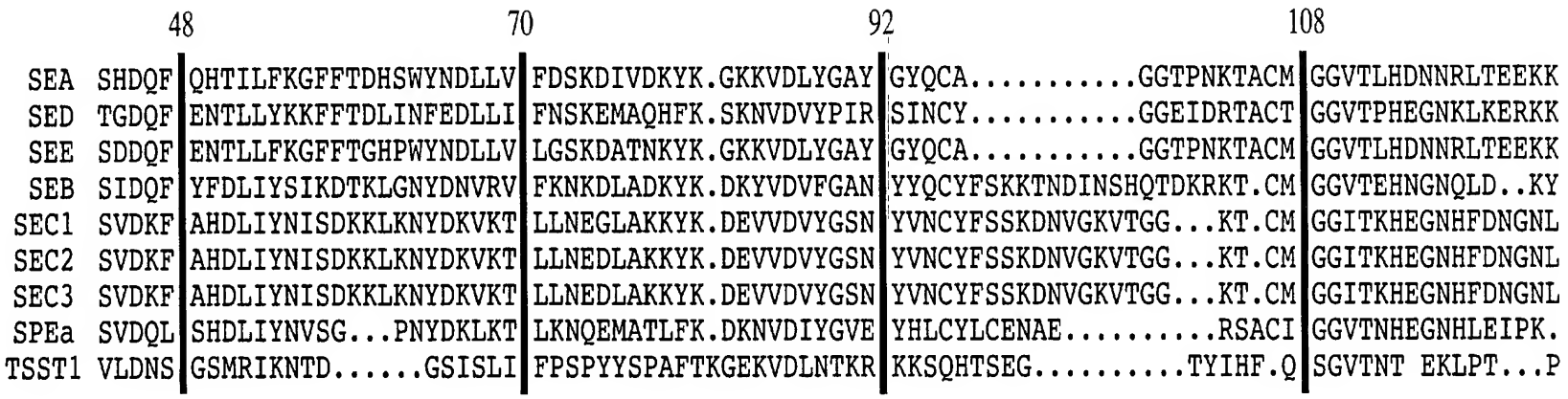


FIG. 3

FIG. 4A

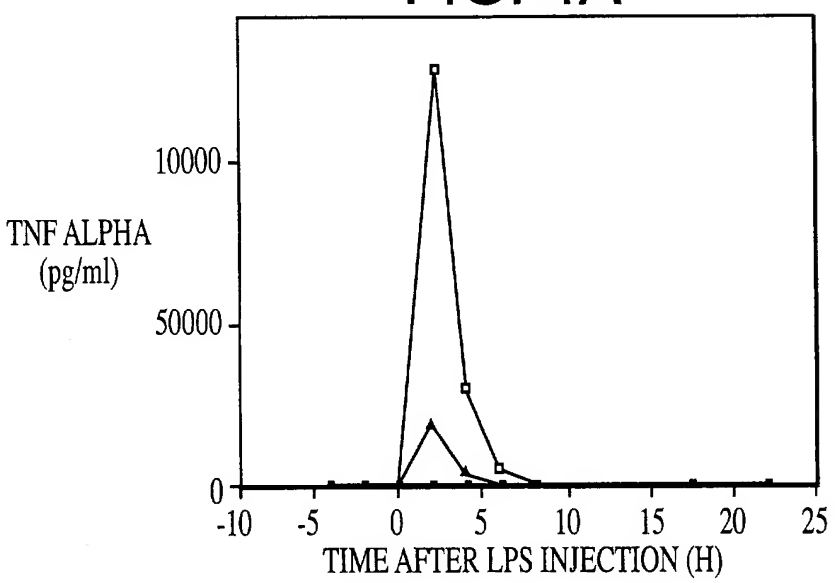


FIG. 4B

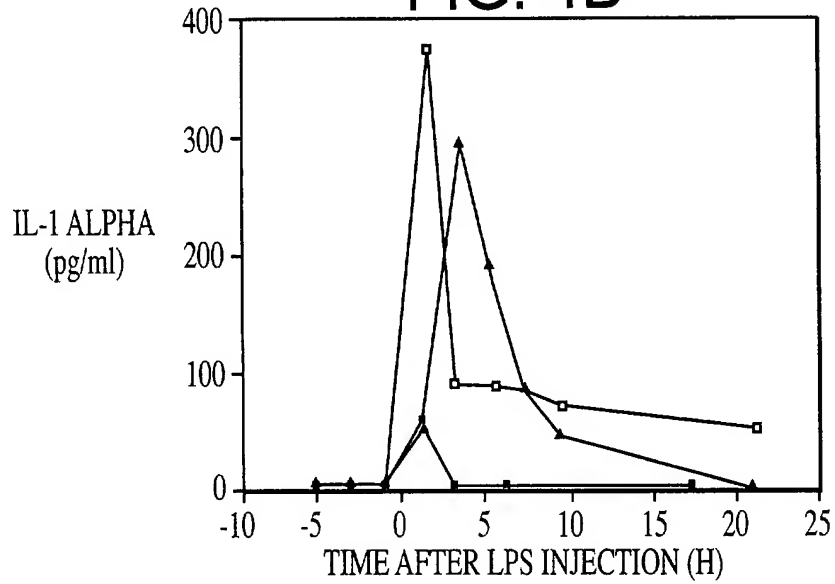


FIG. 4C

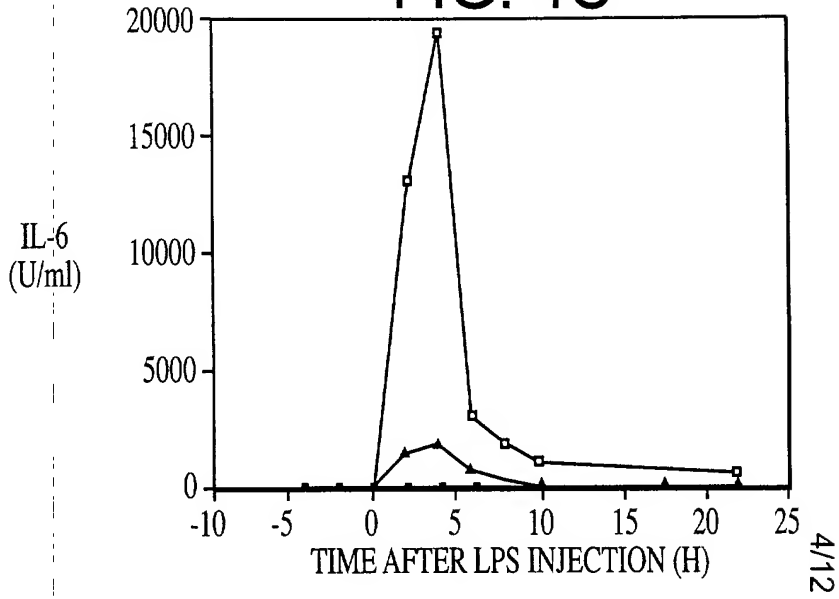
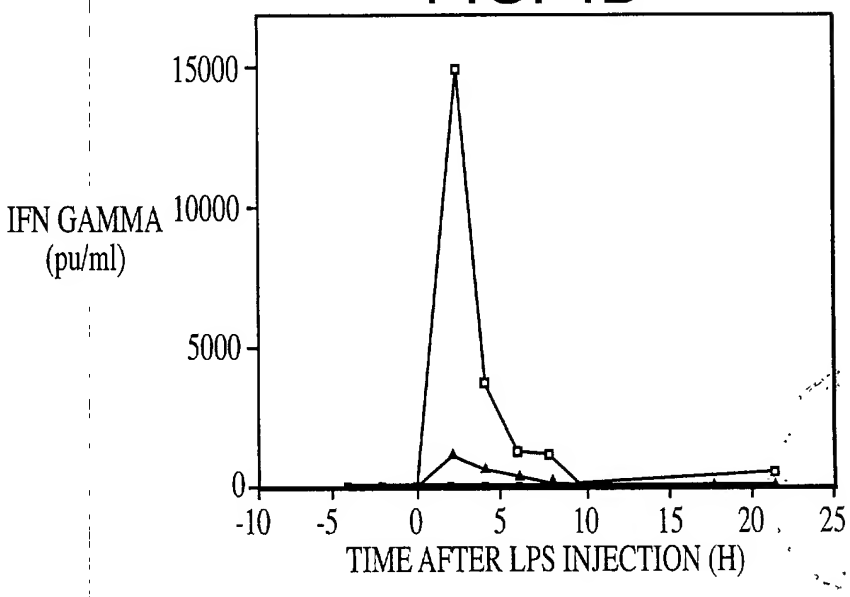


FIG. 4D



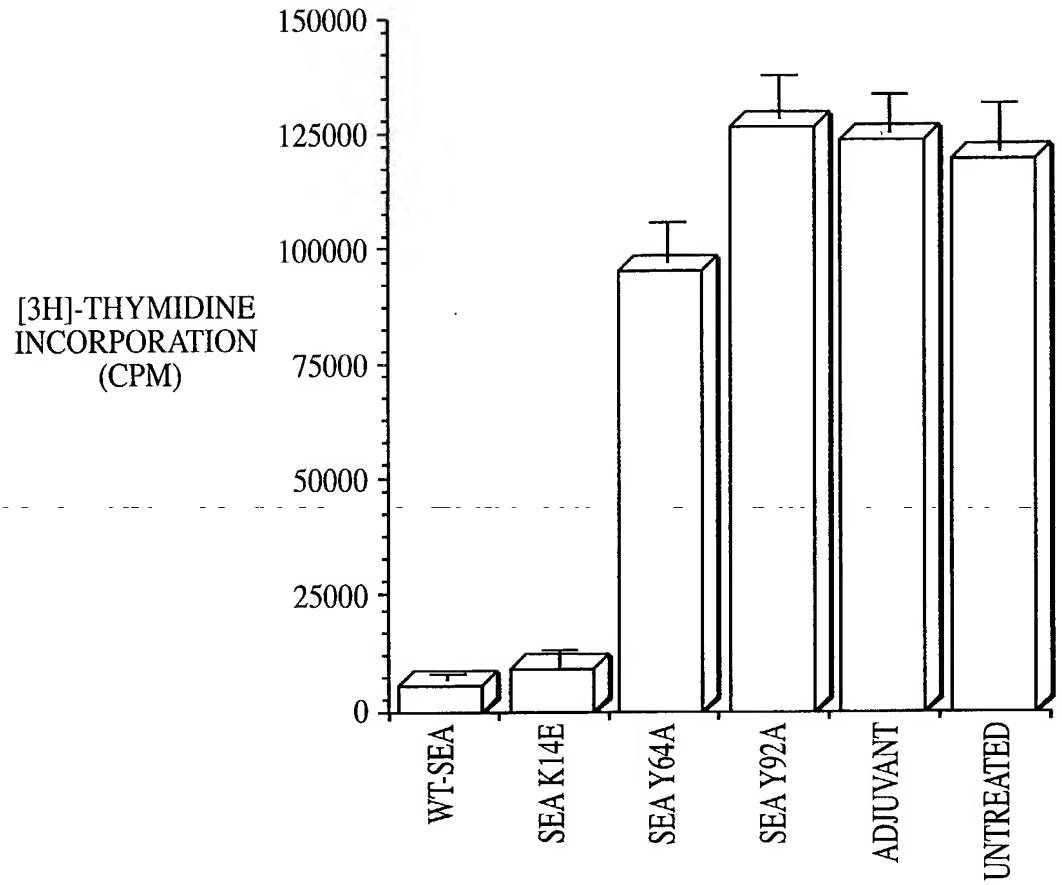

[3H]-THYMIDINE INCORPORATION (CPM)
150000
125000
100000
75000
50000
25000
0
WT-SEA
SEA K14E
SEA Y64A
SEA Y92A
ADJUVANT
UNTREATED

FIG. 5

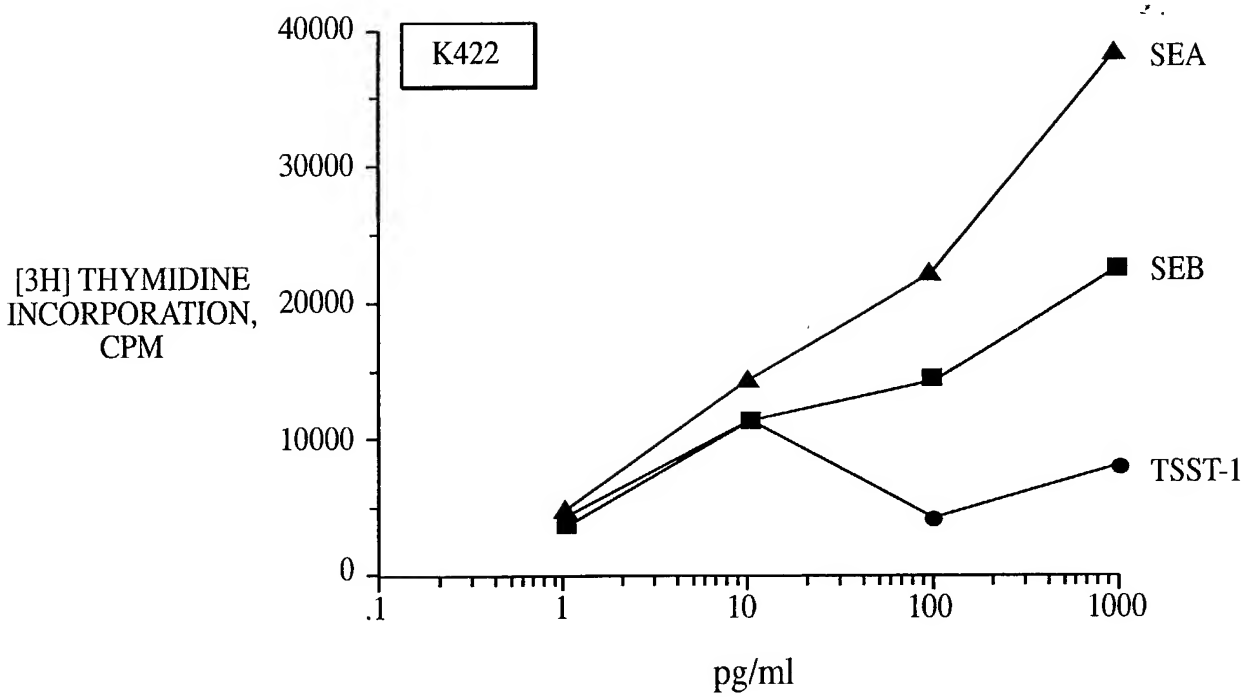

K422
40000
30000
20000
10000
0
[3H] THYMIDINE INCORPORATION, CPM
.1
1
10
100
1000
pg/ml
SEA
SEB
TSST-1

FIG. 6A

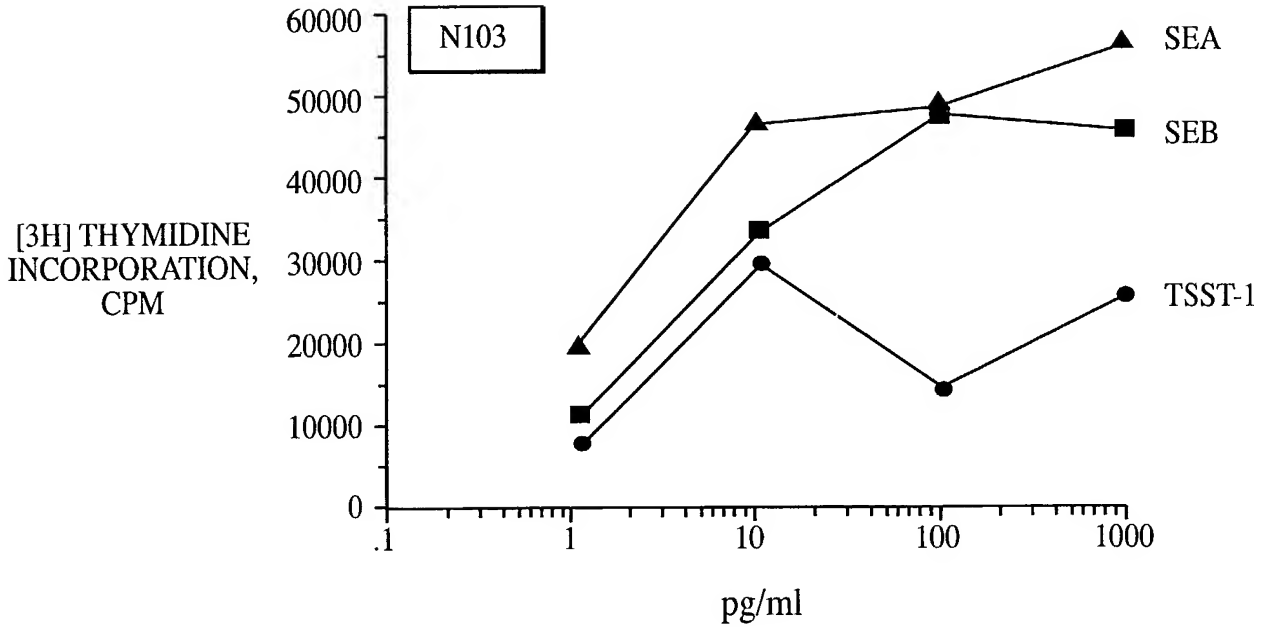

N103
60000
50000
40000
30000
20000
10000
0
[3H] THYMIDINE INCORPORATION, CPM
.1
1
10
100
1000
pg/ml
SEA
SEB
TSST-1

FIG. 6B

FIG. 7A

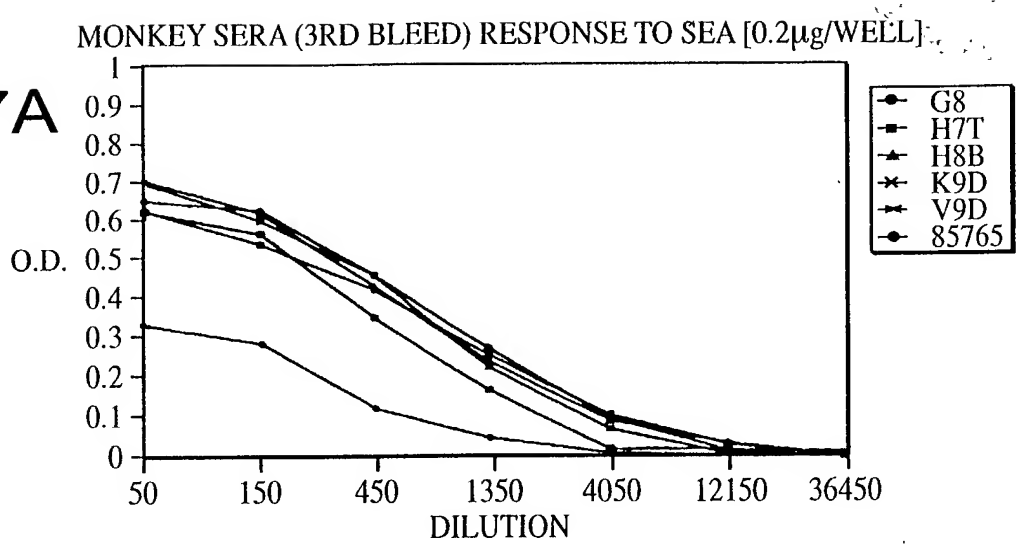


FIG. 7B

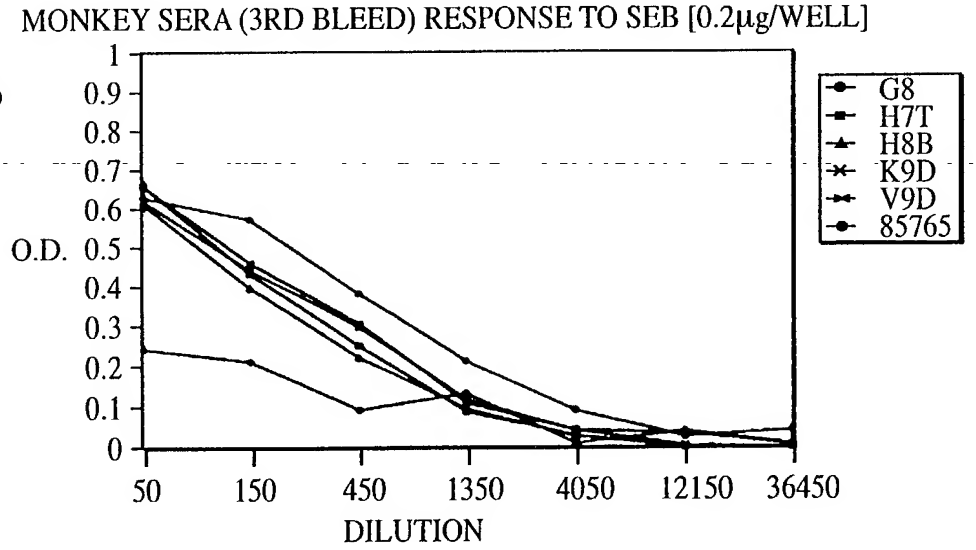


FIG. 7C

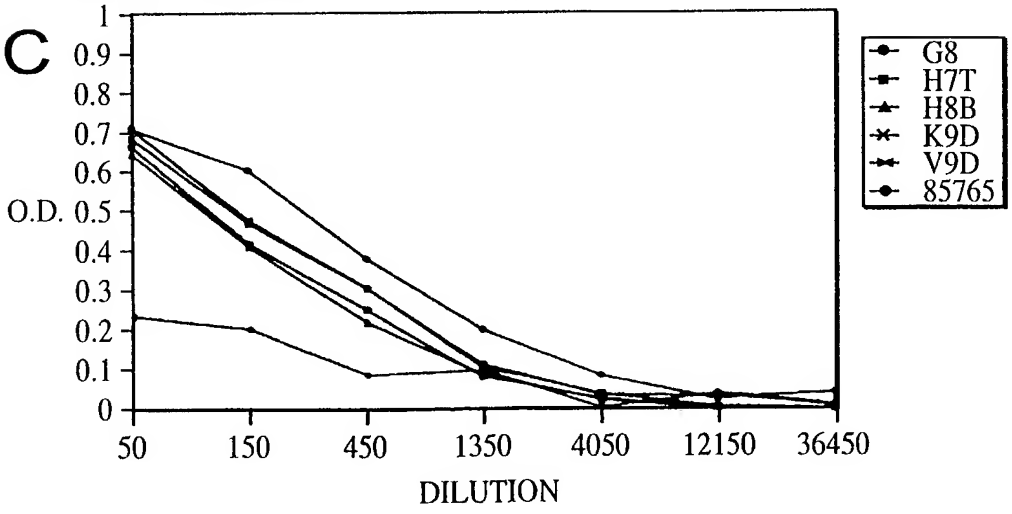


FIG. 8A

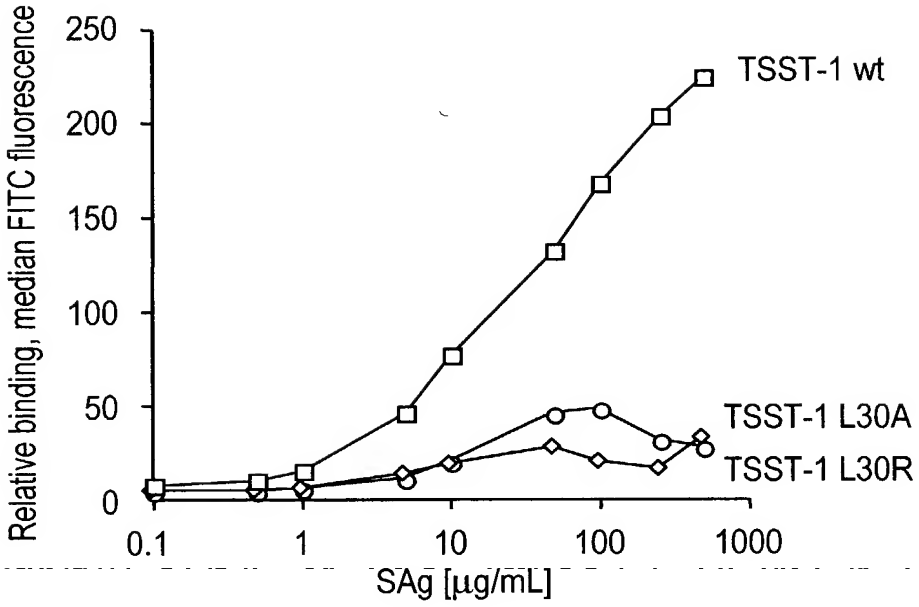

Relative binding, median FITC fluorescence
250
200
150
100
50
0
0.1
1
10
100
1000
SAg [µg/mL]
TSST-1 wt
TSST-1 L30A
TSST-1 L30R

FIG. 8B

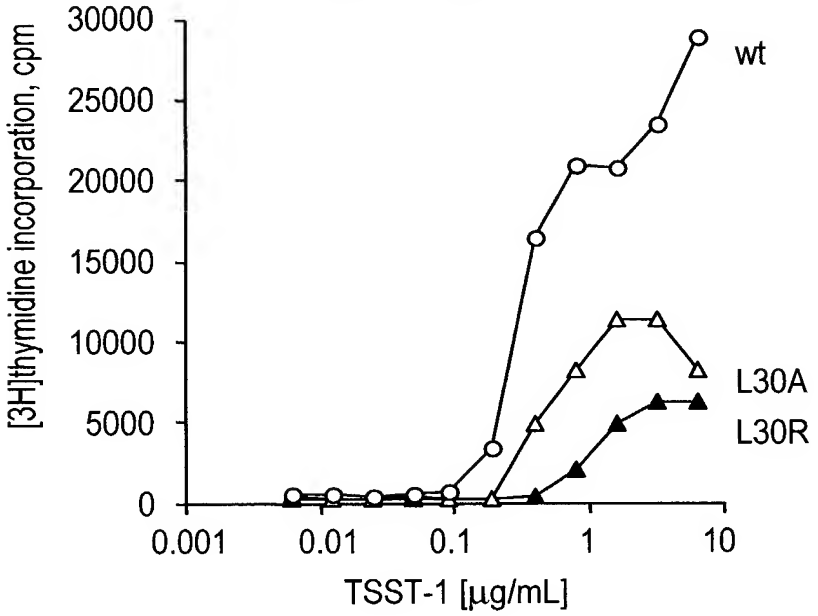

[3H]thymidine incorporation, cpm
30000
25000
20000
15000
10000
5000
0
0.001
0.01
0.1
1
10
TSST-1 [µg/mL]
wt
L30A
L30R

FIG. 8C

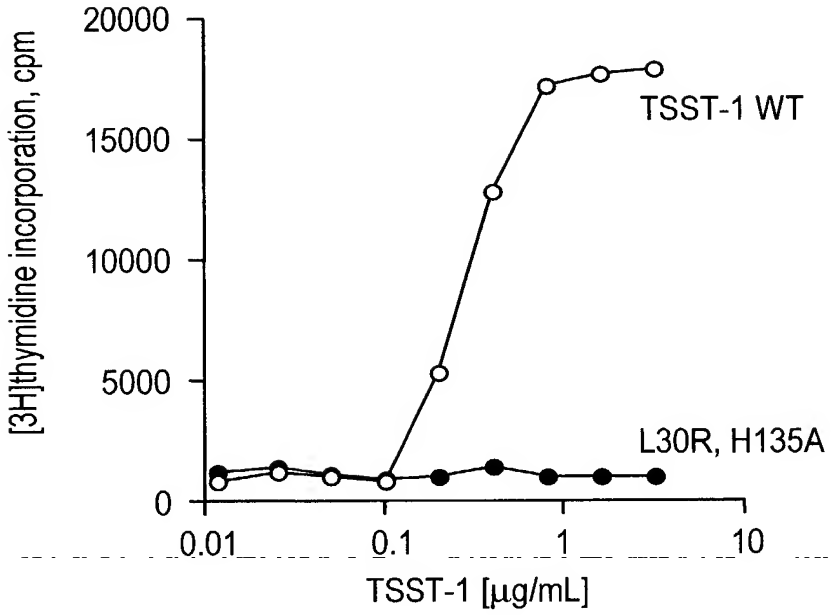

20000
15000
10000
5000
0
[3H]thymidine incorporation, cpm
TSST-1 WT
L30R, H135A
0.01
0.1
1
10
TSST-1 [µg/mL]

FIG. 9

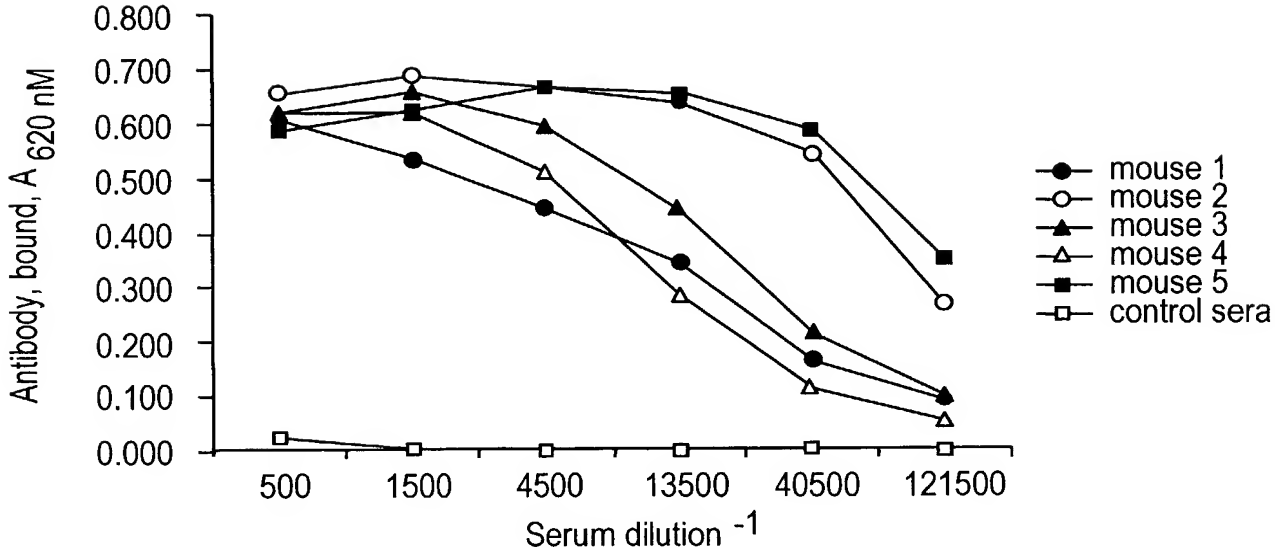

0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
Antibody, bound, A 620 nM
500
1500
4500
13500
40500
121500
Serum dilution -1
mouse 1
mouse 2
mouse 3
mouse 4
mouse 5
control sera

FIG. 10A

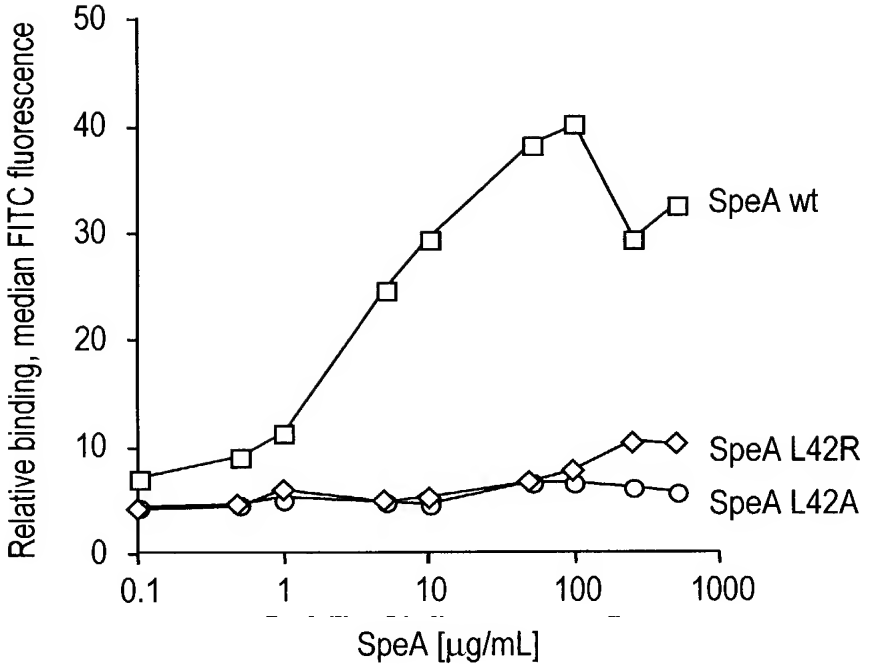


FIG. 10B

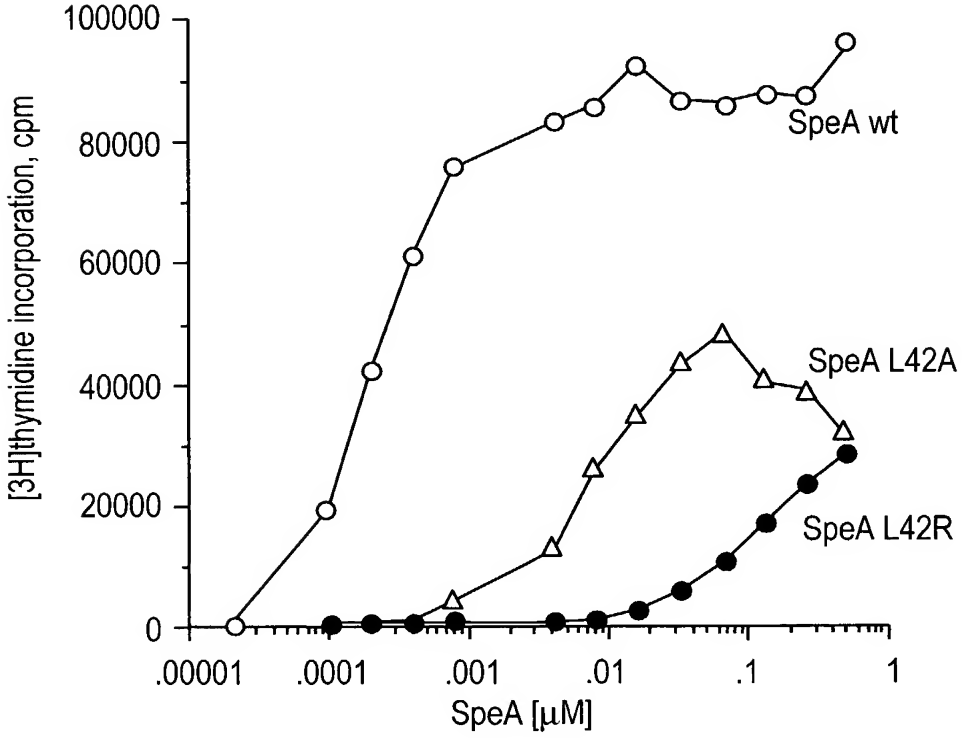


FIG. 11A

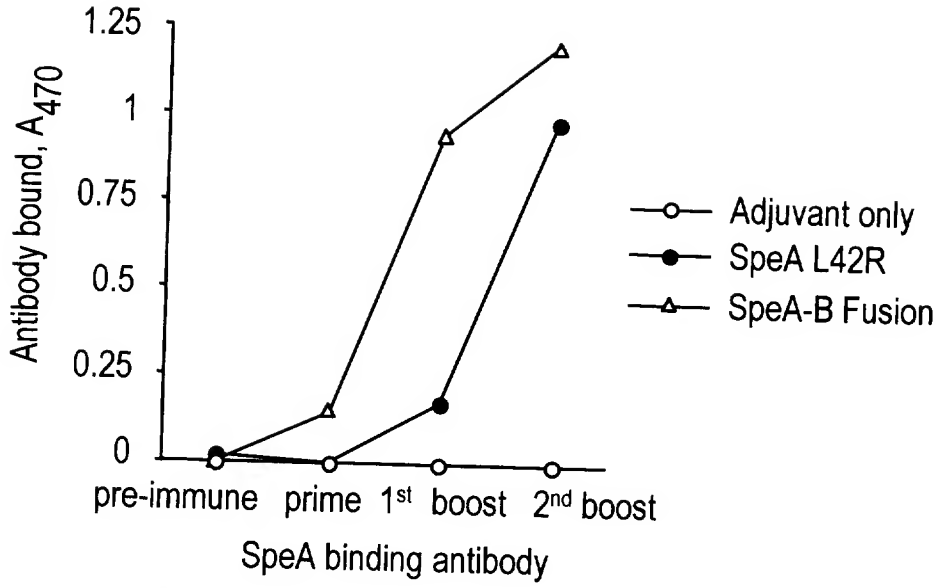


FIG. 11B

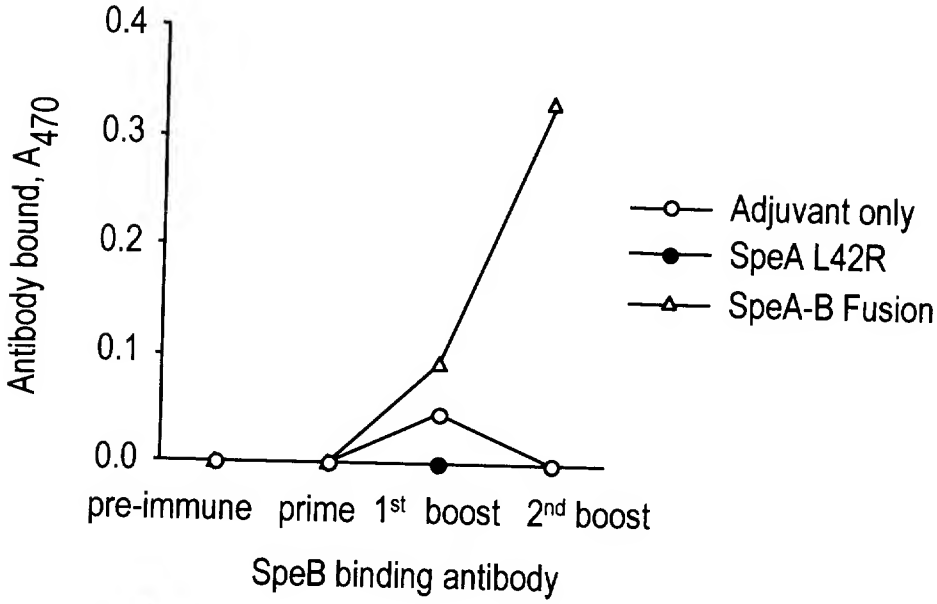


FIG. 11C

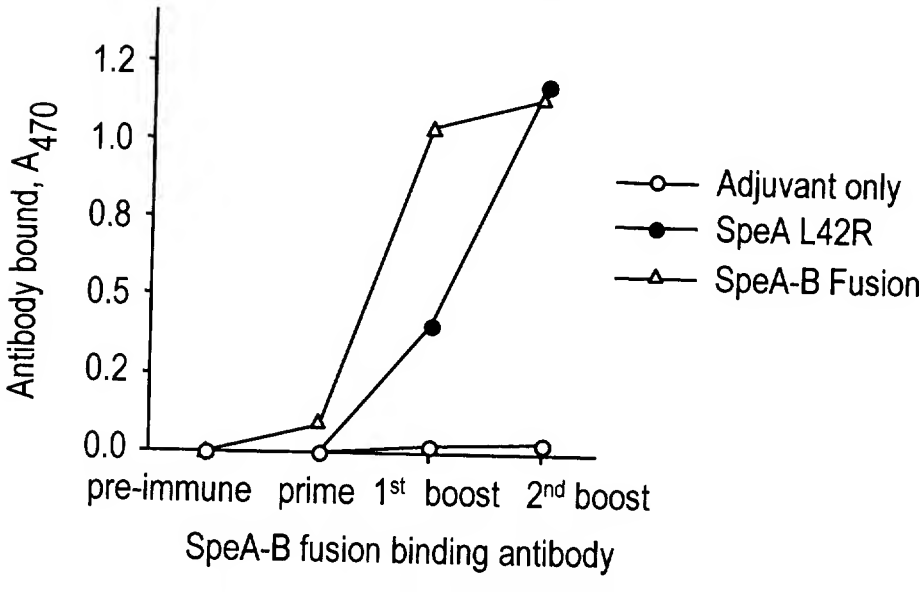
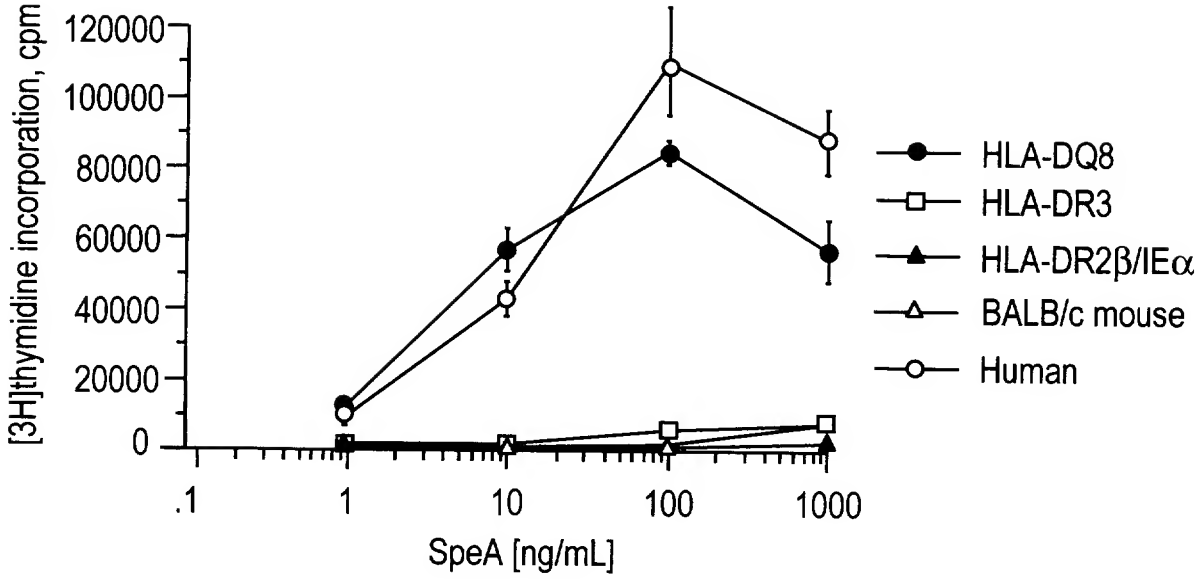


FIG. 12A



SCANNED #

FIG. 12B